

(1) (CI)

1.A thermoplastic composition, comprising:

about 15 to about 35 weight percent of a poly(arylene ether);

about 15 to about 46 weight percent of a homopolymer of an alkenyl aromatic monomer:

about 10 to about 35 weight percent of a polyolefin;

about 1 to about 15 weight percent of a hydrogenated block copolymer of alkenyl aromatic compound and a conjugated diene having an alkenyl aromatic content of about 40 to about 90 weight percent; and

about 1 to about 15 weight percent of an unhydrogenated block copolymer of alkenyl aromatic compound and a conjugated diene;

wherein the composition is substantially free of rubber-modified poly(alkenyl aromatic) resin; and wherein all weight percents are based on the total weight of the composition.

[c2]

2. The thermoplastic composition of Claim 1, wherein the poly(arylene ether) comprises a plurality of structural units of the formula

$$\begin{array}{c|c} Q^2 & Q^1 \\ \hline \\ Q^2 & Q^1 \end{array}$$

wherein for each structural unit, each Q $\frac{1}{1}$ is independently halogen, primary or secondary C $\frac{1}{1}$ -C $\frac{1}{8}$ alkyl, phenyl, C $\frac{1}{1}$ -C $\frac{1}{8}$ haloalkyl, C $\frac{1}{1}$ -C $\frac{1}{8}$ aminoalkyl, C $\frac{1}{1}$ -C $\frac{1}{8}$ hydrocarbonoxy, or C $\frac{1}{2}$ -C $\frac{1}{8}$ halohydrocarbonoxy wherein at least two carbon atoms

separate the halogen and oxygen atoms; and each Q 2 is independently hydrogen, halogen, primary or secondary C $_1$ -C $_8$ alkyl, phenyl, C $_1$ -C $_8$ haloalkyl, C $_1$ -C $_8$ aminoalkyl, C $_1$ -C $_8$ hydrocarbonoxy, or C $_2$ -C $_8$ halohydrocarbonoxy wherein at least two carbon atoms separate the halogen and oxygen atoms.

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[c4] 4. The thermoplastic composition of Claim 1, wherein the poly(arylene ether)

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5. The composition of Claim 1, wherein the homopolymer of an alkenyl aromatic monomer is a polymerization product of an alkenyl aromatic monomer of the formula $R^1 - C = CH$,

$$\frac{1}{||}(Z)_p$$

wherein R 1 is hydrogen, C $_1$ $^-$ C $_8$ alkyl, or halogen; Z is vinyl, halogen, or C $_1$ $^-$ C $_8$ alkyl; and p is 0 to 5.

- [c6] 6.The composition of Claim 1, wherein the homopolymer of an alkenyl aromatic monomer comprises homopolystyrene.
- [c7] 7.The composition of Claim 1, wherein the homopolymer of an alkenyl aromatic monomer comprises atactic homopolystyrene.
- [c8] 8. The thermoplastic composition of Claim 1, wherein the polyolefin comprises a homopolymer or copolymer having at least about 80 weight percent of units derived from polymerization of ethylene, propylene, butylene, or a mixture thereof.
- [c9] 9. The thermoplastic composition of Claim 1, wherein the polyolefin is a propylene polymer; and wherein the propylene polymer comprises a homopolymer of polypropylene, or a random, graft, or block copolymer of propylene and at least one olefin selected from ethylene and C $_4$ $^-$ C $_{10}$ alpha-olefins, with the proviso that the copolymer comprises at least about 80 weight percent of repeating units derived from propylene.
- [c10] 10.The thermoplastic composition of Claim 1, wherein the polyolefin comprises a homopolypropylene.
- [c11]

 11.The thermoplastic composition of Claim 1, wherein the hydrogenated block copolymer comprises:

 (A) at least one block derived from an alkenyl aromatic compound having the formula

wherein R 2 and R 3 each represent a hydrogen atom, a C $_1$ -C $_8$ alkyl group, or a C $_2$ $-C_{R}$ alkenyl group; R $\frac{4}{4}$ and R $\frac{8}{4}$ each represent a hydrogen atom, a C $\frac{1}{1}$ $-C_{R}$ alkyl group, a chlorine atom, or a bromine atom; and R 5 -R 7 each independently represent a hydrogen atom, a C $_1$ -C $_8$ alkyl group, or a C $_2$ -C $_8$ alkenyl group, or R $_4$ and R $_5$ are taken together with the central aromatic ring to form a naphthyl group, or $R^{\frac{5}{2}}$ and $R^{\frac{6}{2}}$ are taken together with the central aromatic ring to form a naphthyl group including; and

- (B) at least one block derived from a conjugated diene, in which the aliphatic unsaturated group content in the block (B) is reduced by hydrogenation.
- 12. The thermoplastic composition of Claim 1, wherein the hydrogenated block copolymer comprises a styrene-(ethylene-butylene)-styrene triblock copolymer.
- 13. The thermoplastic composition of Claim 1, wherein the hydrogenated block copolymer has a styrene content of about 50 to about 85 weight percent.
- 14. The thermoplastic composition of Claim 1, wherein the hydrogenated block copolymer has a styrene content of about 55 to about 70 weight percent.
- [c15]N.The thermoplastic composition of Claim 1, wherein the unhydrogenated block copolymer comprises a styrene-butadiene diblock copolymer or a styrene-butadienestyrene triblock copolymer.
- 16.The thermoplastic composition of Claim 1, further comprising a hydrogenated [c16] block copolymer of an alkenyl aromatic compound and a conjugated diene, wherein the hydrogenated block copolymer has an alkenyl aromatic content of about 10 to less than 40 weight percent.
- [c17]17.The thermoplastic composition of Claim 1, further comprising a polypropylenepolystyrene graft copolymer having a propylene polymer backbone and one or more styrene polymer grafts.
- [c18] 18. The thermoplastic composition of Claim 17, wherein the polypropylene-

polymer grafts.

[c12]

[c14]

percent of an ethylene/alpha-olefin elastomeric copolymer.

- [c20] 20.The thermoplastic composition of Claim 19, wherein the ethylene/alpha-olefin elastomeric copolymer comprises a copolymer of ethylene and at least one C $_3$ $^{-C}$ $_{10}$ alpha-olefin.
- [c21] 21.The thermoplastic composition of Claim 19, wherein the ethylene/alpha-olefin elastomeric copolymer comprises an ethylene-butylene rubber, an ethylene-propylene rubber, or a mixture thereof.
- [c22] 22.The composition of Claim 1, wherein the composition is substantially free of reinforcing fillers.
- [c23] 23.The composition of Claim 1, wherein the composition after molding has a flexural modulus measured at 23 °C according to ASTM D256 of at least about 230,000 pounds per square inch.
- [c24] 24.The composition of Claim 1, wherein the composition after molding has an Izod Notched Impact strength measured at 23 °C according to ASTM D256 of at least about 1 foot-pound per inch.
- [c25] 25.The composition of Claim 1, wherein the composition after molding has an Izod

 Notched Impact strength measured at 23 °C according to ASTM D256 of at least about
 2 foot-pounds per inch.
- [c26] 26.The composition of Claim\1, wherein the composition after molding has a heat distortion temperature measured at 66 psi according to ASTM D648 of at least about 240 ° F.
- [c27] 27.The composition of Claim 1, wherein the composition after molding has a flexural modulus at 23 °C of at least about 230,000 pounds per square inch and an Izod Notched Impact strength measured at 23 °C according to ASTM D256 of at least about 4 foot-pounds per inch.

Notched Impact strength measured at 23 - C according to ASTM D256 of at least about 1.5 foot-pounds per inch.

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29.A thermoplastic composition, comprising:

about 15 to about 35 weight percent of a poly(arylene ether);

about 15 to about 46 weight percent of a homopolystyrene;

about 10 to about 35 weight percent of a polyolefin;

about 1 to about 15 weight percent of a hydrogenated block copolymer of alkenyl aromatic compound and a conjugated diene having an alkenyl aromatic content of about 40 to about 90 weight percent;

about 1 to about 15 weight percent of an unhydrogenated block copolymer of alkenyl aromatic compound and a conjugated diene; and

about 20 weight percent of an ethylene/alpha-olefin elastomeric copolymer;

wherein the composition is substantially free of rubber-modified poly(alkenyl aromatic) resin; and wherein all weight percents are based on the total weight of the composition.

[c30]

30.A thermoplastic composition, comprising:

about 15 to about 32 weight percent of a poly(arylene ether) that is the polymerization product of 2,6-dimethylphenol, 2,3,6-trimethylphenol, or a combination thereof; about 20 to about 46 weight percent of an atactic homopolystyrene; about 12 to about 30 weight percent of a homopolypropylene; and about 2 to about 13 weight percent of a styrene-(ethylene-butylene)-styrene triblock copolymer having a styrene content of about 50 weight percent to about 75 weight percent;

about 2 to about 13 weight percent of a styrene-butadiene-styrene triblock copolymer;

wherein the composition is substantially free of rubber modified poly(alkenyl aromatic) resin; and wherein all weight percents are based on the total weight of the composition.

[c31]

31.A thermoplastic composition, comprising the reaction product of:

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about 10 to about 35 weight percent of a polyolefin;

aromatic compound and a conjugated diene having an alkenyl aromatic content of about 40 to about 90 weight percent; and about 1 to about 15 weight percent of an unhydrogenated block copolymer of alkenyl aromatic compound and a conjugated diene; wherein the composition is substantially free of rubber-modified poly(alkenyl aromatic) resin; and wherein all weight percents are based on the total weight of the composition.

[c32]	32.An article comprising the composition of Claim 31.
[c33]	33.An automotive component comprising the composition of Claim 31.
[c34]	34.An automotive underhood component comprising the composition of Claim 31.
[c35]	35.A food tray comprising the composition of Claim 31.
[c36]	36.A sheet comprising the composition of Claim 31.